

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 3 AND JOHNS HOPKINS ROAD /EVERGREEN ROAD IN ANNE ARUNDEL COUNTY. MD 3 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

THE INTERSECTION WILL OPERATE IN A NEMA FOUR-PHASE, FULLY-ACTUATED MODE WITH AN EXCLUSIVE LEFT TURN PHASE FOR SOUTHBOUND MD 3, AND AN ALTERNATE PEDESTRIAN PHASE FOR CROSSING THE SOUTH SIDE OF MD 3. VIDEO DETECTION WILL BE USED.

INSTALL ONE, FOUR-CHANNEL, TIME- DELAY-OUTPUT LOOP DETECTOR AMPLIFIER, VIDEO DETECTION INTERFACE EQUIPMENT AND 2-WIRE CENTRAL CONTROL UNIT INTO THE EXISTING NEMA "6" BASE MOUNTED CABINET.

UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL NOTIFY MR. ROBERT SNYDER OF THE MSHA AT (410) 787-7635 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR MUST PROVIDE MR. SNYDER WITH THE THE NEAREST ADDRESS, ZIP CODE AND PHONE NUMBER.

TO CROSS MD 3

A. WHEN PEDESTRIAN LOCATES AND PRESSES PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL BE "WAIT TO CROSS MD 3 AT JOHN HOPKINS AND EVERGREEN ROAD, CROSSWALK ANGLES LEFT"

B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL
BECOME THE PROPERTY OF THE CONTRACTOR.

MRS. KIM TRAN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 841-1003

MR. MIKE HUBER
UTILITY ENGINEER
(410) 841-1005

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

MR. ED RODENHIZER
CHIEF - SIGNAL OPERATIONS SECTION
(410) 787-7652

MR. JOHN MAYS
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(410) 841-1002

MR. EUGENE BAILEY
CHIEF - SIGN OPERATIONS
(410) 787-7676

MS. DARLENE EIDE
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17,18 19,20

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(G) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G)

PHASE 2 & 5	R	R	R	G	G	G	G	G	G	R	R	R	R	R	G	G	DW	DW	
2 & 5 CHANGE	R	R	R	Y	Y	Y	Y	Y	Y	R	R	R	R	R	Y	Y	DW	DW	
PHASE 2 & 6	G	G	G	R	R	R	G	G	G	R	R	R	R	R	R	R	DW	DW	
2 & 6 CHANGE	Y	Y	Y	R	R	R	Y	Y	Y	R	R	R	R	R	R	R	DW	DW	
PHASE 4	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	G	DW	DW	
4 CHANGE	R	R	R	R	R	R	R	R	R	D	Y	Y	Y	Y	Y	Y	DW	DW	
PHASE 4 ALT.	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	G	WK	WK	
PED. CLEAR	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	G	FL-DW	DW	
4 ALT. CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	Y	DW	DW	
FLASHING OPERATION	FLY	FLY	FLY	FLR	FLR	FLR	FLY	FLY	FLY	FLR	FLR	FLR	FLR	FLR	FLR	FLR	DARK	DARK	

[illegible]

A-F	MICRO-LOOP PROBE LEAD-IN
G-H	2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.) TRAY CABLE
I-N ₂ -g-k	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
O-V-I	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
W,X,m	VIDEO DETECTION CABLE
Y,Z	12-PAIR VOICE GRADE INTERCONNECT CABLE
a	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
b	1-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)
c-f	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
EIC	EXISTING INTERCONNECT CABLE
EX	EXPO-LOOP PROBE
EC	EXISTING CABLE
PS	PROPOSED ELECTRIC SERVICE
	GROUND ROD
	METER SERVICE PEDESTAL

A diagram of a rectangular sign with a white background and a black border. The sign is divided into two main sections. The left section contains the word "SOUTH" in a large, bold, sans-serif font, with a black arrow pointing downwards and to the left. The right section contains a smaller rectangular box with a black border, which is further divided into two horizontal sections. The top section of this box is empty, and the bottom section contains the number "3" in a large, bold, sans-serif font. To the left of the sign, there are four vertical dimension lines with arrows at the ends, labeled "4\"", "5\" C", "5\"", and "6\"", indicating the height of different sections of the sign. To the right of the sign, there are four vertical dimension lines with arrows at the ends, labeled "3\"", "18\"", "3\"", and "3\"", indicating the height of different sections of the sign.

WIDTH	HEIGHT	COLOR		BORDER		ARROW	SHIELD
		LEG.	BKGD	WIDTH	RADIUS		
4'-0"	2'-0"	W	G	3/4"	2"	R3-5 @ 60%	MI-6A

TRAFFIC **C**ONCEPTS, INC.
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN
MD 3 AND JOHNS HOPKINS ROAD /
EVERGREEN ROAD

SCALE	NONE	DATE	8-1-09	CONTRACT NO.	BW996M82
DESIGNED BY	T.ZAYDEL	COUNTY	ANNE ARUNDEL		
DRAWN BY	J.K. SCHMID	LOGMILE	02000303.15		
CHECKED BY	K. SCHMID	T.I.M.S. NO.	J-663		
F.A.P. NO.	NA	TOD. NO.			
DRAWING NO. TS-21502051 D GI				SHEET NO. 2 OF 2	